

ROBYN C. MEEKS

Sanford School of Public Policy, Duke University
www.robymeeks.com robyn.meeks@duke.edu

RESEARCH INTERESTS

Environmental and energy economics; development economics; and economics of the household

PROFESSIONAL APPOINTMENTS

- 2017 – present Duke University, Sanford School of Public Policy. *Assistant Professor*.
Faculty Affiliate: Energy Access Project, Duke University Energy Initiative,
and Duke Center for International Development (DCID).
- 2016 – present International Centre for Integrated Mountain Development (ICIMOD).
Kathmandu, Nepal. *Visiting Scientist*.
- 2012 – 2017 University of Michigan, School of Natural Resources and Environment.
Assistant Professor in Environmental Economics (on leave Fall 2016)
University of Michigan, Program in the Environment. Center for Russian,
Eastern European, & Eurasian Studies; African Studies Center. *Faculty*
Associate.
- Fall 2016 University of Chicago, Energy Policy Institute of Chicago. *Visiting Assistant*
Professor.

EDUCATION

Harvard University, PhD in Public Policy, 2012

Research fields: Development Economics, Environmental Economics

Dissertation title: Essays on the Economics of Household Water Access in Developing Countries

Yale University, Masters in Environmental Management, 2005

Brown University, Bachelor of Arts, Political Science, 2000

ACADEMIC PAPERS

Completed Working Papers

- “Off-grid in Nepal: Electricity Services and Enterprise Development” (with H. Thompson), 2017.
- “Price Perception and Electricity Demand with Nonlinear Tariffs” (with S. McRae), 2016.
- “Energy Efficiency and Electricity Reliability.” (with E. Carranza), 2018.

Peer-Reviewed Publications

- “Waste Not: Can Biogas Deliver Sustainable Development?” (with K. Sims and H. Thompson), 2018. Forthcoming *Environmental and Resource Economics*.
- “Property Rights and Household Access to Water Sources: Evidence from a Land Titling Program in Rural Peru,” 2018. *World Development*, 102: 345-357.
- “Water Works: The Economic Impact of Water Infrastructure.” 2017. *Journal of Human Resources*, 52:4. Harvard Environmental Economics Program Discussion Paper Series. Paper 12-35.
- “Is Water Security Necessary? An Empirical Analysis of the Effects of Climate Hazards on National Level Economic Growth” (with C. Brown and Y.B. Ghile), Water Security Special Issue, *Philosophical Transactions A*, 2013.
- “Willingness to Pay for Cleaner Water in Less Developed Countries: Systematic Review of Experimental Evidence” (with J.G. Hombrados, M. Kremer, E. Miguel, C. Null and A. P. Zwane), *International Initiative for Impact Evaluation Systematic Review* 006, 2012.
- “Hydroclimatic risk to economic growth in Sub-Saharan Africa” (with C. Brown, K. Hunu, and W. Yu), *Climatic Change*, 2011, 106(4): 621-647.

RESEARCH IN PROGRESS

“Reducing Roof-top Solar Power Supply Delivery Costs in India”

“The impacts of smart meters on electricity bill payment and losses in the Kyrgyz Republic”

“Incentives or information in forest management” (with A. Agrawal)

“Restoration economics: Effects of Area-of-Concern remediation on residential housing prices and neighborhood demographic characteristics” (with M. Moore)

SELECT REPORTS AND OTHER PUBLICATIONS

“An Empirical Analysis of the Effects of Climate Variables on National Level Economic Growth” (with C. Brown, Y. Ghile, and K. Hunu), 2009. Background paper: World Bank World Development Report.

“Overview Report on the Experience of International Financial Institutions and International Funds in Investing in Climate Change Mitigation in Developing Countries” (with B. Gentry, G. Walker, S. Wallander), November 2005. Background paper for the report of the Secretariat of the UN Framework Convention on Climate Change (UNFCCC), FCCC/SBI/2005/INF.7.

GRANTS RECEIVED

- 2017 International Growth Centre (IGC). “The impacts of smart meters on losses in electricity distribution, electricity reliability, and household investments in energy efficiency” (£39,186)
- 2016 Sea Grant (co-investigator with PI Michael Moore) “Restoration Economics: Effects of Area-of-Concern Remediation on Residential Housing Prices and Neighborhood Demographic Characteristic” (\$224,835.26)
- McIntire-Stennis Research Program (co-PI with Arun Agrawal) “Incentives or Information? Supporting stronger public-private forest management partnerships” (\$87,431)
- 2015 Michigan Institute for Teaching and Research in Economics (MITRE) Research Grant (with Shaun McRae) “Household Responses to Energy Price Reforms in Kyrgyzstan” (\$9,107)
- Office of Research Faculty Grant (with Shaun McRae) “Household Responses to Energy Price Reforms in Kyrgyzstan” (\$9,108)
- University of Michigan, Transforming Learning for a Third Century Program, Co-PI (with 18 others), Transforming Sustainability Education and Case-Based Teaching, 2015-2018, \$1,595,749.
- Weiser Center Faculty Grant (with Shaun McRae) “Household Responses to Energy Price Reforms in Kyrgyzstan” (\$4,000)
- ADVANCE Elizabeth Caroline Crosby Award (\$13,815)
- 2013 Office of the Vice President of Research (OVPR) Faculty Research Grant, Univ. of Michigan “Estimating the impacts of a block electricity tariff on adoption of energy efficient technologies” (\$10,000)
- 2012 Weiser Center Faculty Grant (Univ. of Michigan) “Local Public Goods and Motivating Take-up of Energy Efficient Technologies” (\$1,500)
- 2011 National Science Foundation (NSF) Social, Behavioral, and Economics Doctoral Dissertation Research Improvement Grant (SES-1061989) (with Eliana Carranza) for “Economics of a Lightbulb” (\$19,900)
- 2010 Davis Center for Russian and Eurasian Studies Research Grant (\$4,000)
- 2009 Center for International Development Research Grant (\$3,000)

HONORS AND FELLOWSHIPS RECEIVED

- 2012 Harvard Enel Endowment Prize
- 2011 - 2012 Harvard University Dissertation Completion Fellowship
- 2009 - 2010 Taubman Center for State and Local Government Dissertation Fellowship

2009 - 2012	Sustainability Science Program, Doctoral Fellow
2008 - 2009	Harvard Sustainability Science Program Giorgio Ruffolo Fellowship
2007 - 2008	Crump Fellowship for Environment and Natural Resource Management
2007	Norberg-Bohm Fellowship for Science, Technology and Public Policy
2006 - 2012	Harvard Environmental Economics Program, Doctoral Fellow
2006 - 2008	Harvard Kennedy School Pre-doctoral Fellowship
2005 - 2006	Fulbright U.S. Student Fellowship, Kyrgyz Republic
2004 - 2005	Foreign Language and Area Studies (FLAS) Scholarship, Russian language
2005	Hixon Center Research Fellowship
2004	Yale Carpenter-Sperry Mellon Award (Yale)

TEACHING PERFORMED

Graduate:	<p><i>University of Michigan</i>: NRE 501.059A Environment and Development I: Impact Evaluation Methods (2013, 2015, 2016, 2017); NRE 501.059B Environment and Development II: Impact Evaluation Applications (2015, 2016, 2017); <i>Harvard University</i>: Environmental and Resource Economics and Policy (Teaching Fellow for Professor Robert Stavins) (2011).</p>
Undergraduate:	<p><i>Duke University</i>: Pub Pol 303D.002 Microeconomics Policy Tools (2017); <i>University of Michigan</i>: ENVIRON 235 Economics of Natural Resources and Environment (2013, 2015, and 2016).</p>

PRESENTATIONS

2017	<p>NBER Summer Institute, Energy and Environmental Economics (EEE). Cambridge, MA; World Bank, Applied Microeconomics Seminar. Washington, DC; Duke University Sanford School of Public Policy. Durham, NC; University of Michigan Department of Civil and Environmental Engineering. Ann Arbor, MI; Harvard University, Harvard Environment Economics Program (HEEP). Cambridge, MA; Sustainable Energy Transitions Initiative (SETI) Workshop. Durham, NC; UCSB Energy and Environmental Economics Occasional Workshop. Santa Barbara, CA;</p>
2016	<p>AEA Annual Meetings. San Francisco, CA; UC Berkeley Energy Institute, Berkeley, CA; NBER Spring Meeting. Cambridge, MA; Midwest Energy Fest at Northwestern University; Sustainability Science Symposium at Harvard</p>

- University; AERE Annual Conference. Breckenridge, CO; Nepal Alternative Energy Promotion Center. Kathmandu, Nepal; International Centre for Integrated Mountain Development (ICIMOD) Kathmandu, Nepal; NBER Summer Institute – Energy and Environmental Economics. Cambridge, MA; Advances in Field Experiments (AFE) Conference at the University of Chicago; Energy for Economic Growth – South Asia Workshop. Kathmandu, Nepal; University of Chicago – Energy Policy Institute (EPIC). Chicago, IL; Heartland Conference at the University of Illinois;
- 2015 NEUDC at Brown University; Occasional Environmental Economics Workshop at University of California, Santa Barbara; Heartland Conference at the University of Illinois; AERE Annual Conference. San Diego, CA;
- 2014 Northeastern University; Erb Institute at the University of Michigan; AAEA Annual Meeting. Minneapolis, MN; Harvard Environmental Economics Program Research Workshop; APPAM Annual Meeting; Heartland Conference at the University of Illinois;
- 2013 AEA Annual Meetings (discussant for session on environment and health). San Diego, CA; Michigan State University, Dept. of Agricultural, Food, and Resource Economics; Midwest International Economic Development Conference (MWIEDC) at University of Wisconsin – Madison; New England Universities Development Conference (NEUDC) at Dartmouth College;
- 2012 Association for Public Policy and Management (APPAM) Annual Research Conference (discussant for session on water and development); CU Environmental and Resource Economics; University of Michigan, School of Natural Resources and Environment; RAND; International Water Management Institute (Delhi); University of South Carolina; University of Hawaii;
- 2009-2011 Harvard Development Economics Seminar; NEUDC at Yale University; Harvard Environmental Economics Program seminar; Sustainability Science Program; Campbell Collaboration Colloquium (Norway).

PROFESSIONAL ACTIVITIES / SERVICE

- Association American Economic Association (AEA) (2011- present)
- Member: Association of Environmental and Resource Economists (AERE) (2011 – present)
- Agricultural & Applied Economics Association (AAEA) (2014 – 2016)
- Association of Public Policy Analysis and Management (2012 – 2014)

Journal Reviewer: American Economic Journal: Economic Policy; Economic Journal; Energy Journal; Energy Policy; Environment and Development Economics; Journal of Economic Behavior & Organization; Journal of Environmental Economics and Management; Journal of Human Resources; Resource and Energy Economics; Review of Economics and Statistics.

Grant & Conference Reviewer: AERE Annual Conference Papers (2017); World Congress of Environmental and Resource Economics (WCERE) Conference Papers (2018); International Initiative for Impact Evaluation (3ie); South Asian Network for Development and Environment Economists (SANDEE).

SERVICE TO UNIVERSITY

Duke University Faculty Advisory Committee, Energy Initiative (2017-)
Faculty Advisory Committee, Energy Access Project (2017-)
PhD Admissions Committee, University Program in Environmental Policy (UPEP) (2017-)
Energy Initiative PhD Student Fellows Program Co-organizer (2017-)
Guest speaker/judge: UPEP Seminar (2018); Energy Finance Course (2017); GLEAN luncheon (2017); Duke University Hult Prize Competition (2017)

University of Michigan University of Michigan Energy and Environmental Economics Seminar Co-Organizer (2015-2016)
SNRE Faculty Search Committee Member (2015, 2016)
Coverdell Peace Corps Scholarship Panel (2015, 2016, 2017)
SNRE Masters Project Proposal Review (2016, 2017)
Weiser Center Post-doctoral Review Committee (2017)
Guest speaker: Weiser Center Seminar (2015); PhD-level Development Economics Course (2016); Environmental and Water Resource Engineering Course (2017)

STUDENT ADVISING / COMMITTEES

Masters student project, opus, etc: *Duke*: 5 students advised
Michigan: 21 students advised

Doctoral committees: *Michigan*: Michael McWilliams (2016); Hope Thompson (2016, co-chair)

Undergrad thesis / project: 4 students across Duke and University of Michigan

OTHER EXPERIENCE

2016 – present Asian Development Bank (ADB), Consultant.
2007-2009 Innovations for Poverty Action (IPA) and Harvard University, Research Assistant for Professors Michael Kremer, Rema Hanna, and Shawn Cole
2006 Fulbright Program, U.S. Student Fellow in Kyrgyz Republic
2005-2006 UN Development Programme (UNDP) Energy and Environment Group, Consultant
2005 UN Framework Convention on Climate Change (UNFCCC), Consultant
2004 Resources for the Future (RFF), Research Intern
2003-2005 UNDP Public-Private Partnerships for the Urban Environment, Newsletter Editor
2000-2002 Peace Corps Kazakhstan, Volunteer